



Alan C. Lloyd, Ph.D.
Agency Secretary
Cal/EPA



Department of Toxic Substances Control

5796 Corporate Avenue
Cypress, California 90630



Arnold Schwarzenegger
Governor

December 6, 2005

Mr. Darren Newton
BRAC Environmental Coordinator
Base Realignment and Closure
Marine Corps Air Station El Toro
7040 Trabuco Road
Irvine, California 92618

DRAFT REMEDIAL ACTION REPORT, INSTALLATION RESTORATION PROGRAM (IRP) SITE 11, FORMER MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Newton:

The Department of Toxic Substances Control (DTSC) has reviewed the subject document dated October 2005, prepared by Accord Engineering Inc. and Earth Tech Inc. The remedial action report documents the completion of the selected remedy, as documented in the Record of Decision (ROD), and attainment of target cleanup goals for IRP Site 11.

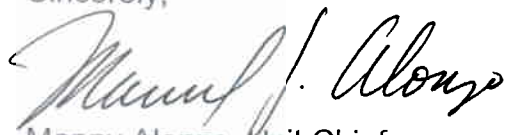
IRP Site 11, formerly a transformer storage area, located in the southwest quadrant of the base consists of three units. Unit 1 is a concrete pad approximately 30 feet by 30 feet with a 3 feet wide strip of ground adjacent to it. Unit 2 consists of an asphalt lined drainage ditch parallel to N Street at the northern boundary. Unit 3 is the remainder of the fenced, unpaved storage yard behind Building 369. Site 11 was used as a maintenance and storage yard for transformers from approximately 1968 to 1983. Reported leak of polychlorinated biphenyl (PCB) transformer oil at the site lead to a remedial action evaluation. As part of the evaluation, Phase I Remedial Investigation (RI) and Phase II RI established the site characterization used to complete the feasibility study (FS). Based on the results of the FS, the ROD identified alternative 3, which consists of excavation of contaminated soil for Units 1 and 2, as the selected remedy. The Department of Navy (DON) selected off station disposal of excavated soil. The ROD also documented no further action for Unit 3.

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Remedial action began on July 4, 2005. The concrete pad at Unit 1 and asphalt lined drainage ditch at Unit 2 were removed. Soil was excavated to a depth of 2 to 3 feet below ground surface (bgs) except in a portion of Unit 2, approximately 25 feet in length, where soil was excavated to approximately 6 feet bgs. Confirmation sampling at the excavated bottom and side walls indicated the presence of PCB constituent Aroclor 1260 above the target cleanup goal in one confirmation sample at the southeastern portion of Unit 1. Additional soil excavated to 4 feet bgs was conducted in the vicinity of the southeastern portion, approximately 25 foot by 25 foot area, of Unit 1. Confirmation sampling taken showed no constituents of concern were above their target cleanup goals. Approximately 560 tons of contaminated soil was transported to Kettleman Hills Disposal Facility. Sand, cement slurry, and base were used to backfill the excavated areas and compacted after confirmation sampling indicated contaminated soil was removed.

Based on review of the Draft Remedial Action Report, DTSC concurs with the DON's recommendation of no further action for Site 11. Contaminated soil exceeding the target cleanup goals have been removed from Units 1 and 2 of Site 11. The final response action for the site has been completed in accordance with the ROD. No additional response actions are needed and this site can be released for unrestricted reuse. If you have any questions, please contact Mr. Frank Cheng, Remedial Project Manager, at (714) 484-5395.

Sincerely,



Manny Alonzo, Unit Chief
Base Closure and Reuse Unit
Office of Military Facilities
Southern California Operations Branch

cc: Mr. Robert Woodings
Restoration Advisory Board Co-chair
25550 Commercentre Dr.
Lake Forest, California 92630

Ms. Marcia Rudolph
Restoration Advisory Board Subcommittee Chair
24922 Muirlands #139
Lake Forest, California 92630

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cc: Mr. Richard Muza
Remedial Project Manager
U. S. Environmental Protection Agency Region IX
Superfund Division (SFD-8-1)
75 Hawthorne Street
San Francisco, California 94105-3901

Ms. Content Arnold
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division - Code 06CC.CA
1220 Pacific Highway
San Diego, California 92132-5187

Ms. Polin Modanlou
County of Orange
Planning and Development Services Department
300 North Flower Street, 3rd Floor
Santa Ana, California 92703

Mr. Ossama Abu Shaban, P.E.
Orange County Health Care Agency
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Mr. John Broderick
Remedial Project Manager
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3348